

## Pump system Aquapump Retrofit Tronic, STZ1000-S3, Floater

## **Article information**

Item no.: AQUALI1000F\_TS

GTIN:

Price group: 60

## **Description**

The retrofit kit for installation in existing collection tanks for faecal-free wastewater is equipped with two submersible pumps, a backflow preventer and a manual locking device. The polymer profile (PE) is used to mount and fix the pumping station. Quick-release closures enable easy removal of the pumps. The station is controlled either by a float switch or by a user-friendly control unit, which can be optionally integrated in the building control system via a voltage-free contact. Alternatively, alarm and collective fault messages can be output via a GSM interface.

Variant

Type of system: duo pump
Pump control: Control unit
Backflow preventer: integrated
Pressure pipe connection: horizontal

General characteristics

Standard: EN 12050-2 Type of wastewater: with sewage

Installation situation: installation in on-site collecting tank
Delivery state: Modular set for assembly on site

System type: Tronic

**Dimensions** 

Net weight: 5 kg Gross weight: 5 kg

Pumping device

Pump: STZ 1000

Number of pumps:

Weight, pump:
10 kg
Connection type:
coded plug
Operating voltage:
230 V
Protection class:
Insulation class:
Cos phi - power factor:

1
0,97

Protection class (pump): IP 68 (3m) Temperature monitoring: integrated



Max. temperature (permanent) of conveyed 40 °C

material:

Max. pumping capacity: 11,5 m³/h
Max. pumping height: 10 m

 Speed:
 2800 U/min

 Power P1:
 1,2 kW

 Power P2:
 0,69 kW

 Operating mode:
 \$3 - 50 %

Type of pump connection cable: H07RN-F 3G 1.5 mm<sup>2</sup>

Impeller type: Macerator
Length of mains cable for pump: 10 m
Rated current: 5,2 A

Control

Control unit:

Alarm sensor:

Level measurement instrument:

Type of level measurement:

Protection class control units

Description class control units

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IP 54 Protection class control unit: Mains frequency: 50 Hz Operating voltage: 230 V Connection type: coded plug Length of mains cable for control unit: 1,4 m Potential-free contact: optional GSM interface: yes USB interface: yes Log book function: yes Multi-line display: yes Battery buffering: yes Self-diagnosis system (SDS): yes Type of fuse required (control unit): C 16 A